

MAIN INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 9/16/2014, 9/17/2014, 9/18/2014	Man Days: 3
Inspection Unit: Marion	
Location of Audit: Marion	
Exit Meeting Contact: Chuck Tebbe	
Inspection Type: Design Testing and Construction	
Pipeline Safety Representative(s): Valerie Schwing	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

CONSTRUCTION INFORMATION		
Location of Construction: RT 13 & Wolf Creek Carterville, IL		Construction Performed By: KS Energy
Contractor Foreman:	Jerry Ray Simpkins	
Operator Inspector:		
Person(s) On Job Site		
Shannon May	Jeff Uebinger	Tyler Arbeen
Description of Construction: This job was to relocate 530 feet of steel main due to an IDOT project. The new pipeline will be running at 16.3 % SYMS.		

MAIN INSTALLATION		Status
[192.55]	Steel	Yes
[192.59]	PE	No
[192.59]	Other	No
[192.5]	Class location :	Class 1
[192.619,192.621,192.623]	MAOP	395 PSI
[192.63]	Pipe Size :	10 inch
[192.55,192.59]	Specification :	API 5L

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[192.55,192.59]	Manufacturer :	Kinder Morgan
[192.55,192.59]	Pipe Grade :	X60
[192.55,192.59]	Wall Thickness :	.307
[192.63(a)(2)]	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
[192.227]	Date of Welder qualification:	6/10/14
[192.227]	Welder's Name:	Jeff Uebinger
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	Satisfactory
<u>General Comment:</u>		
The welder used the welding procedure ENE-Ameren-F04 and welded three different thicknesses of pipe together with the permission of Mike Maxheimer. These thicknesses were 0.365 to 0.307 to 0.250.		
[192.285]	Date of Plastic Joining Qualification :	Not Applicable
<u>General Comment:</u>		
There was not any plastic being put into service at this work site.		
[192.285]	Joiner's name:	Not Applicable
<u>General Comment:</u>		
There was not any plastic being put into service at this work site.		
[192.455]	Is buried metallic pipe coated?	Satisfactory
<u>General Comment:</u>		
This was the new double coated pipe Ameren uses for boring.		
[192.461]	Does coating meet 192.461?	Satisfactory
[192.455(a)(1)]	Is cathodic protection being provided?	Satisfactory
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	No
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	Yes
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	Satisfactory
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Satisfactory
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	Satisfactory
[192.303]	Are comprehensive written construction specifications available and adhered to?	Satisfactory
<u>General Comment:</u>		
Staff reviewed the job specs for work/DOJM number GTSE000944.		

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[192.305]	Are inspections performed by the operator to check adherence to the construction specifications?	Unsatisfactory
<u>Issue Comment:</u> <i>On September 17, 2014, Staff noted that though inspections were performed by the Ameren Illinois inspectors to check adherence to the construction specifications it was determined that operator inspectors need more guidance on how to check documentation, follow procedures, and inspecting materials for problems. For this issue to be closed Ameren Illinois must enhance training for inspectors to insure consistency and quality of construction projects.</i>		
[192.307]	Is material being visually inspected at the site of installation to ensure against damage that could impair its serviceability?	Satisfactory
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	Satisfactory
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	Satisfactory
[192.321(e)]	Does plastic pipe have means of locating while underground?	Not Applicable
<u>General Comment:</u> <i>There was not any plastic being put into service at this work site.</i>		
[192.325]	Are required clearances from underground structures being maintained?	Satisfactory
[192.327]	Is required cover being obtained appropriate to type of pipeline and location?	Satisfactory
[192.503]	Are general testing requirements being met?	Not Checked
<u>General Comment:</u> <i>The testing was not done when Staff was onsite. However, the test was set to be done at 600 PSI.</i>		
[192.517]	Are records being made of strength and leak tests?	Satisfactory
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	Satisfactory
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	Satisfactory
[192.805(c)]	Were span of control limitations being followed?	Satisfactory
Was a Protocol 9 (Form 15) Completed?		No
[192.614]	Were One Call Notifications performed as required?	Satisfactory
[192.614]	Dig Ticket #	A2120859-01X
<u>General Comment:</u> <i>Start Date: 8/27/14 End Date: 9/21/14</i>		
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	Satisfactory
[192.719(b)]	Was each repair made by welding to a transmission line made in accordance with 192.713, 192.715, and 192.717 and examined in accordance with 192.241?	Satisfactory

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General Comment:

Weld numbers 7 and 3 were repaired and inspected by JanX using X-ray. Staff reviewed the following JanX employee's qualifications. Stephen Allande was qualified on 6/24/13 and Chad Wymer was qualified on 2/17/14. These qualifications are good for three years.

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